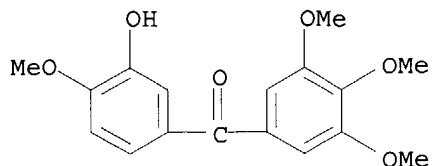


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L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> d cn 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
CN Methanone, (3-hydroxy-4-methoxyphenyl)(3,4,5-trimethoxyphenyl)- (9CI) (CA
INDEX NAME)
OTHER NAMES:
CN **Phenstatin**

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=> d his

(FILE 'HOME' ENTERED AT 10:02:55 ON 24 MAY 2004)

FILE 'REGISTRY' ENTERED AT 10:03:06 ON 24 MAY 2004
E PHENSTATIN/CN

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 10:03:33 ON 24 MAY 2004

L2 11 S L1

L3 214657 S CANCER

L4 6 S L3 AND L2

FILE 'MEDLINE' ENTERED AT 10:04:36 ON 24 MAY 2004

L5 0 S L4

L6 0 S L1

L7 3 S PHENSTATIN

FILE 'REGISTRY' ENTERED AT 10:05:34 ON 24 MAY 2004

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> d his

(FILE 'HOME' ENTERED AT 08:26:02 ON 24 MAY 2004)

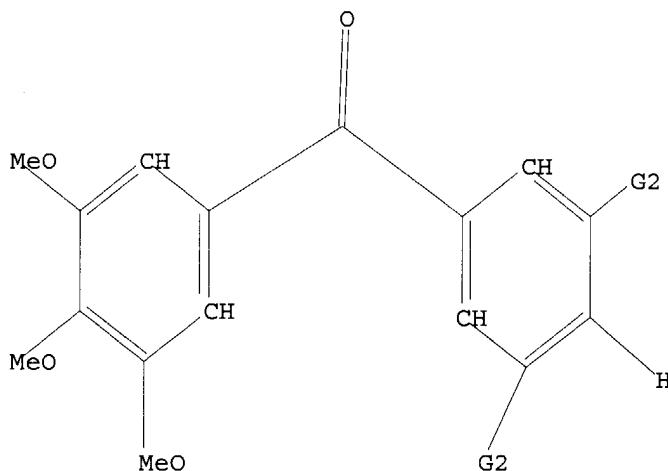
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L2 STRUCTURE UPLOADED
L3 0 S L1
L4 5 S L1 FUL
L5 4 S L2 FUL

=> d 12

L2 HAS NO ANSWERS

L2 STR



G1 Me,Et,n-Pr,i-Pr,P

G2 Cl,F,Me,Et,n-Pr,i-Pr,MeO

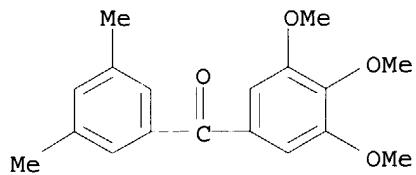
G3

Structure attributes must be viewed using STN Express query preparation.

=> d ide bib 1-4

L5 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
RN 229027-05-8 REGISTRY
CN Methanone, (3,5-dimethylphenyl)(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C18 H20 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES
(Uses)

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565 /
333

S 14 / 679

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

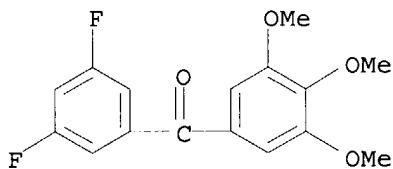
AN 131:73506 CA
TI Synthesis and formulation of phenstatin and related prodrugs for use as antitumor agents
IN Pettit, George R.; Toki, Brian
PA Arizona State University, USA
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 9934788 | A1 | 19990715 | WO 1999-US475 | 19990109 |
| | W: CA, JP, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | CA 2314510 | AA | 19990715 | CA 1999-2314510 | 19990109 |
| | EP 1045689 | A1 | 20001025 | EP 1999-902133 | 19990109 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI | | | | |
| | JP 2002500184 | T2 | 20020108 | JP 2000-527239 | 19990109 |
| PRAI | US 1998-70878P | | 19980109 | | |
| | WO 1999-US475 | | 19990109 | | |

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
RN 203448-39-9 REGISTRY
CN Methanone, (3,5-difluorophenyl)(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1-(3,5-Difluorobenzoyl)-3,4,5-trimethoxybenzene
FS 3D CONCORD
MF C16 H14 F2 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation)

09582952



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 131:73506 CA
TI Synthesis and formulation of phenstatin and related prodrugs for use as antitumor agents
IN Pettit, George R.; Toki, Brian
PA Arizona State University, USA
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------|--|------|----------|-----------------|----------|
| PI | WO 9934788 | A1 | 19990715 | WO 1999-US475 | 19990109 |
| | W: CA, JP, US | | | | |
| | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | CA 2314510 | AA | 19990715 | CA 1999-2314510 | 19990109 |
| | EP 1045689 | A1 | 20001025 | EP 1999-902133 | 19990109 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI | | | | |
| | JP 2002500184 | T2 | 20020108 | JP 2000-527239 | 19990109 |
| PRAI | US 1998-70878P | | 19980109 | | |
| | WO 1999-US475 | | 19990109 | | |
| RE.CNT 3 | THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD | | | | |
| | ALL CITATIONS AVAILABLE IN THE RE FORMAT | | | | |

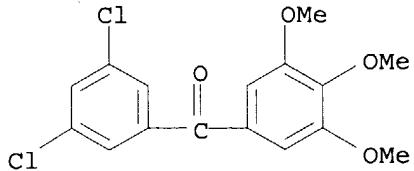
REFERENCE 2

AN 128:230173 CA
TI Antineoplastic Agents. 379. Synthesis of Phenstatin Phosphate
AU Pettit, George R.; Toki, Brian; Herald, Delbert L.; Verdier-Pinard, Pascal; Boyd, Michael R.; Hamel, Ernest; Pettit, Robin K.
CS Cancer Research Institute and Department of Chemistry, Arizona State University, Tempe, AZ, 85287-1604, USA
SO Journal of Medicinal Chemistry (1998), 41(10), 1688-1695
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
RN 203448-38-8 REGISTRY
CN Methanone, (3,5-dichlorophenyl)(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:

09582952

CN 1-(3,5-Dichlorobenzoyl)-3,4,5-trimethoxybenzene
FS 3D CONCORD
MF C16 H14 Cl2 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES
(Uses)
RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN 131:73506 CA
TI Synthesis and formulation of phenstatin and related prodrugs for use as
antitumor agents
IN Pettit, George R.; Toki, Brian
PA Arizona State University, USA
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
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PI WO 9934788 A1 19990715 WO 1999-US475 19990109
W: CA, JP, US
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE
CA 2314510 AA 19990715 CA 1999-2314510 19990109
EP 1045689 A1 20001025 EP 1999-902133 19990109
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI
JP 2002500184 T2 20020108 JP 2000-527239 19990109
PRAI US 1998-70878P 19980109
WO 1999-US475 19990109
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AU Pettit, George R.; Toki, Brian; Herald, Delbert L.; Verdier-Pinard,
Pascal; Boyd, Michael R.; Hamel, Ernest; Pettit, Robin K.
CS Cancer Research Institute and Department of Chemistry, Arizona State
University, Tempe, AZ, 85287-1604, USA
SO Journal of Medicinal Chemistry (1998), 41(10), 1688-1695
CODEN: JMCMAR; ISSN: 0022-2623

09582952

PB American Chemical Society

DT Journal

LA English

RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN

RN 203448-37-7 REGISTRY

CN Methanone, (3,5-dimethoxyphenyl)(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1-(3,5-Dimethoxybenzoyl)-3,4,5-trimethoxybenzene

FS 3D CONCORD

MF C18 H20 O6

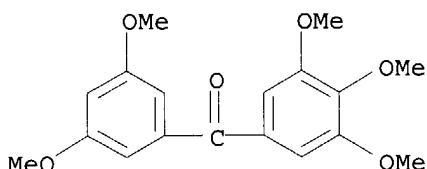
SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Journal; Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation)



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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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IN Pettit, George R.; Toki, Brian

PA Arizona State University, USA

SO PCT Int. Appl., 39 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | WO 9934788 | A1 | 19990715 | WO 1999-US475 | 19990109 |
| | W: CA, JP, US | | | | |
| | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | CA 2314510 | AA | 19990715 | CA 1999-2314510 | 19990109 |
| | EP 1045689 | A1 | 20001025 | EP 1999-902133 | 19990109 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI | | | | |
| | JP 2002500184 | T2 | 20020108 | JP 2000-527239 | 19990109 |
| PRAI | US 1998-70878P | | 19980109 | | |
| | WO 1999-US475 | | 19990109 | | |

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AU Pettit, George R.; Toki, Brian; Herald, Delbert L.; Verdier-Pinard,
Pascal; Boyd, Michael R.; Hamel, Ernest; Pettit, Robin K.
CS Cancer Research Institute and Department of Chemistry, Arizona State
University, Tempe, AZ, 85287-1604, USA
SO Journal of Medicinal Chemistry (1998), 41(10), 1688-1695
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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